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**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

Claims 1-22 (canceled).

Claim 23 (currently amended): The boundary acoustic wave device according to Claim 2229, wherein the plurality of boundary acoustic wave elements are boundary acoustic wave filters or boundary acoustic wave resonators.

Claim 24 (currently amended): The boundary acoustic wave device according to Claim 2229, wherein the plurality of boundary acoustic wave elements define resonators.

Claim 25 (currently amended): The boundary acoustic wave device according to Claim 2229, wherein the boundary acoustic wave device is a longitudinally coupled filter.

Claim 26 (currently amended): The boundary acoustic wave device according to Claim 2229, wherein the boundary acoustic wave elements are provided on a single piezoelectric single crystal substrate.

Claim 27 (currently amended): The boundary acoustic wave device according to Claim 2229, wherein an electromechanical coefficient of at least one of the boundary acoustic wave elements is different from that of at least one of the other boundary acoustic wave elements.

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Claim 28 (currently amended): The boundary acoustic wave device according to Claim 2229, wherein a band width of at least one of the boundary acoustic wave elements is different from that of at least one of the other boundary acoustic wave elements.

Claim 29 (currently amended): The boundary acoustic wave device according to Claim 22, wherein A boundary acoustic wave device using a non-leaky propagation type boundary acoustic wave, comprising:

a plurality of boundary acoustic wave elements, each boundary acoustic wave element including a single crystal substrate, a solid layer provided on the single crystal substrate, and electrodes arranged at a boundary between the single crystal substrate and the solid layer; wherein

the single crystal substrates have a same cut angle; and  
a propagation direction of a boundary acoustic wave of at least one of the boundary acoustic wave elements is different from that of at least one of the other boundary acoustic wave elements; and

a thickness of the electrodes is set so that the acoustic velocity of an SH type boundary acoustic wave is lower than the acoustic velocity of a slow transverse wave propagating through the solid layer and the acoustic velocity of a slow transverse wave propagating through the piezoelectric single crystal substrate.

Claim 30 (currently amended): The boundary acoustic wave device according to Claim 2229, wherein a duty ratio of the electrodes is set so that the acoustic velocity of an SH type boundary acoustic wave is lower than the acoustic velocity of a slow transverse wave propagating through the solid layer and the acoustic velocity of a slow transverse wave propagating through the piezoelectric single crystal substrate.

Claim 31 (currently amended): The boundary acoustic wave device according to

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Claim 2229, wherein  $H > 8261.744\rho^{-1.376}$ , when  $\rho$  ( $\text{kg}/\text{m}^3$ ) represents the density of the electrodes,  $H$  ( $\lambda$ ) represents the thickness of the electrodes, and  $\lambda$  represents the wavelength of a boundary wave.

Claim 32 (previously presented): The boundary acoustic wave device according to Claim 31, wherein  $\rho > 3,745 \text{ kg}/\text{m}^3$ .

Claim 33 (previously presented): The boundary acoustic wave device according to Claim 31, wherein  $33,000.39050\rho^{-1.50232} < H < 88,818.90913\rho^{-1.54998}$ .

Claim 34 (currently amended): The boundary acoustic wave device according to Claim 2229, wherein the piezoelectric single crystal substrate is a  $\text{LiNbO}_3$  substrate,  $\phi$  of Euler angles ( $\phi, \theta, \psi$ ) of the  $\text{LiNbO}_3$  substrate is in the range of -31° to 31°, and  $\theta$  and  $\psi$  are in the range surrounded by points A1 to A13 shown in the following Table 1:

Table 1

Points	$\phi$	$\psi$ (°)	$\theta$ (°)
A01		0	116
A02		11	118
A03		20	123
A04		25	127
A05		33	140
A06		60	140
A07		65	132
A08		54	112
A09		48	90
A10		43	87
A11		24	91
A12		0	91
A13		0	116

Claim 35 (currently amended): The boundary acoustic wave device according to

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Claim 2229, wherein the electrodes each include a main electrode layer made from a material selected from the group consisting of Au, Ag, Cu, Al, Fe, Ni, W, Ta, Pt, Mo, Cr, Ti, ZnO, and ITO.

Claim 36 (previously presented): The boundary acoustic wave device according to Claim 35, wherein the electrodes each further include an additional electrode layer laminated on the main electrode layer.

Claim 37 (previously presented): The boundary acoustic wave device according to Claim 36, wherein the solid layer includes a dielectric substance.

Claim 38 (previously presented): The boundary acoustic wave device according to Claim 37, wherein the dielectric substance includes a material primarily composed of SiO<sub>2</sub>.

Claim 39 (previously presented): The boundary acoustic wave device according to Claim 37, wherein the solid layer includes a plurality of laminates, each of the plurality of laminates including a plurality of material layers.

Claim 40 (previously presented): The boundary acoustic wave device according to Claim 39, wherein the solid layer includes a layer primarily composed of SiO<sub>2</sub> laminated to a layer primarily composed of Si.

Claim 41 (previously presented): The boundary acoustic wave device according to Claim 37, wherein the solid layer includes at least one material selected from the group consisting of Si, SiO<sub>2</sub>, glass, silicon nitride, silicon carbide, ZnO, Ta<sub>2</sub>O<sub>5</sub>, titanate zirconate lead piezoelectric ceramic, aluminum nitride, Al<sub>2</sub>O<sub>3</sub>, LiTaO<sub>3</sub>, and LiNbO<sub>3</sub>.

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Claim 42 (currently amended): The boundary acoustic wave device according to  
Claim 229, wherein the boundary acoustic wave elements each further includes a resin  
layer adhered to the solid layer.